

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/ ES 2004/000464

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B61D 19/02, B60J 9/02, 5/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
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Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B61D+, B60J+

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ES 2130032 A2 (FINE PRODUCTS, S.A.) 16.06.1999, <b>The whole document</b>	1, 2
A	GB 2267109 A (WESTINGHOUSE BRAKE AND SIGNAL HOLDINGS LIMITED) 24.11.1993, <b>The whole document</b>	1-4
A	ES 2130027 A2 (FINE PRODUCTS, S.A.) 16.06.1999, column 3, ligne 34 - column 6, ligne 8; <b>figures</b>	1
A	GB 2274092 A (LONDON UNDERGROUND LIMITED) 13.07.1994, <b>page</b> 6, ligne 6 - <b>page</b> 19, ligne 15; <b>figures</b> 1-4.	1, 5
A	GB 2001598 A (METRO CAMMELL LIMITED) 07.02.1979, <b>page</b> 2, ligne 7 - <b>page</b> 4, line 30; <b>figures</b>	1, 6
A	EP 0259886 A2 (KAWASAKI JUKOGYO KABUSHIKI KAISHA) 16.03.1988, column 6, ligne 32 - column 8, ligne 40; <b>figures</b> 8, 9.	1

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

15 DEC 2004 (15.12.04)

Date of mailing of the international search report

12 JAN 2005 (12.01.05)

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ES 2134742 A1 (FINE PRODUCTS, S.A.) 01.10.1999, <b>The whole document</b>	1
A	ES 2133093 A1 (FINE PRODUCTS, S.A.) 16.08.1999, <b>The whole document</b>	1
A	FR 2323859 A (LOUIS HEULIEZ, S.A.) 08.04.1977, <b>page 4</b> , line 7 - <b>page 5</b> , line 4; fig 4.	
A	WO 02/081282 A1 (CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A.) 17.10.2002, <b>abstract</b> , fig 2.	
A	ES 2133092 A1 (FINE PRODUCTS, S.A.) 16.08.1999, <b>abstract</b> fig 1.	